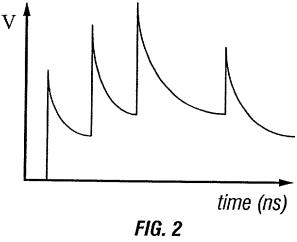


FIG. 1



ь +

Integrated Signal

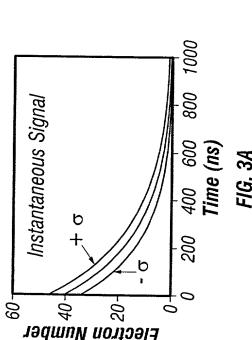
1000-

-009

Electron Number

400-

-008

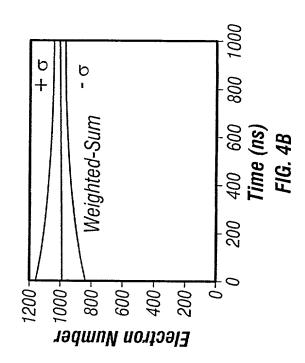


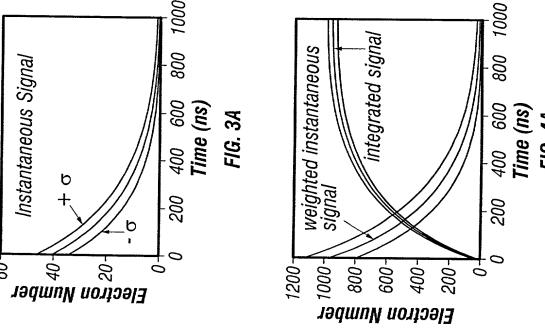
800 1000

400 600 **Time (ns)** 

200

Instantaneous Signal





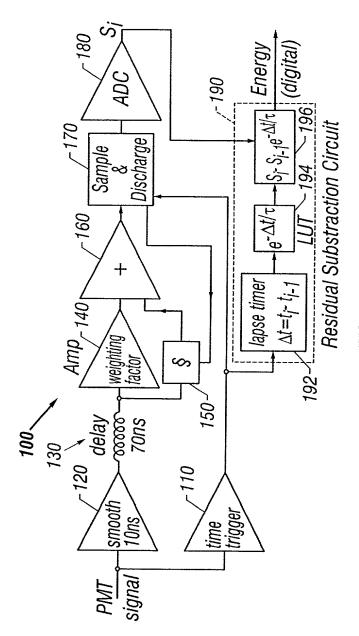


FIG. 5A

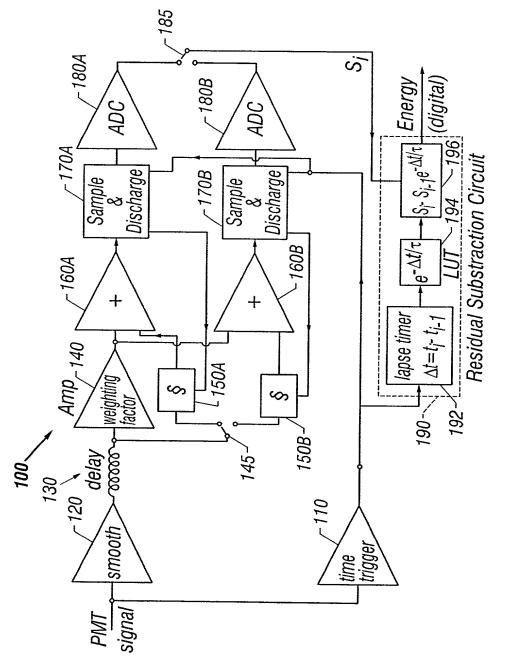
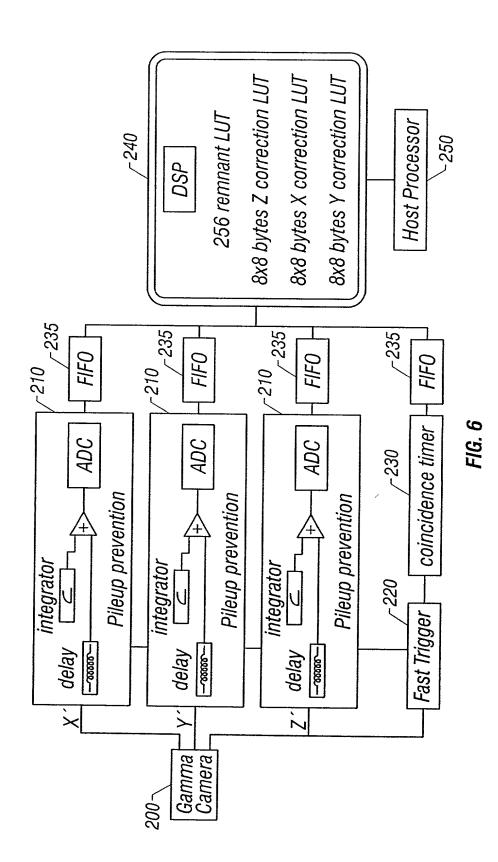
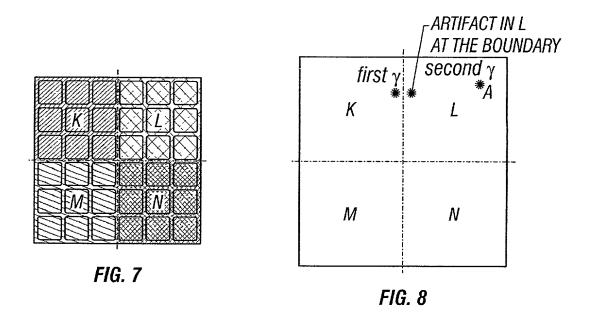


FIG. 5B





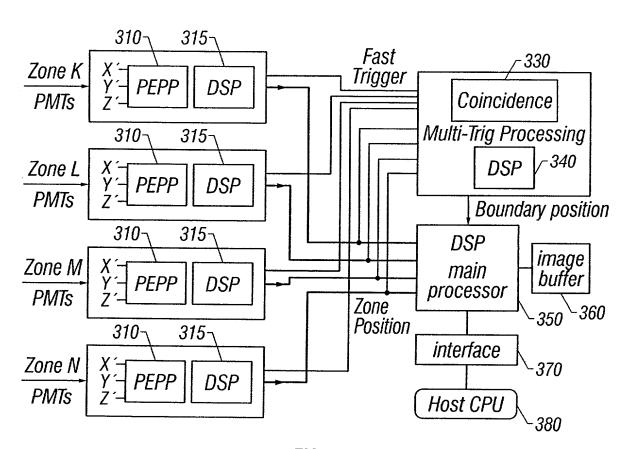
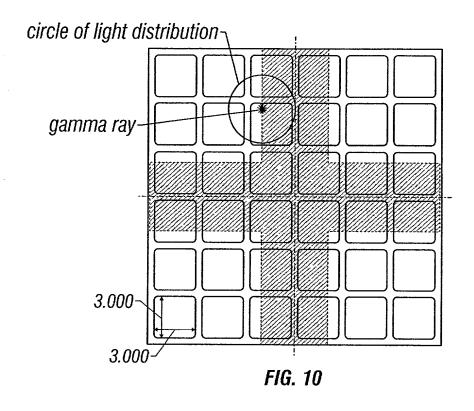
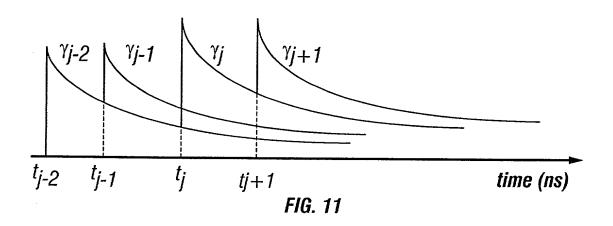
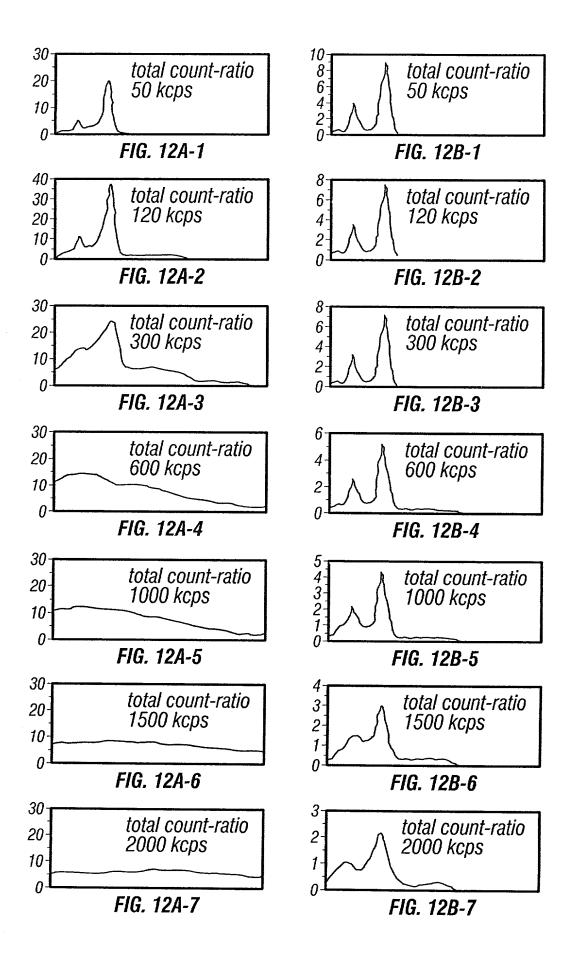
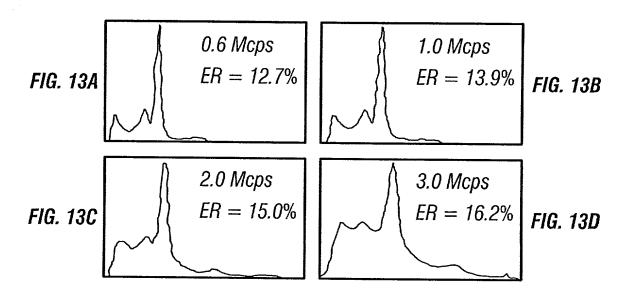


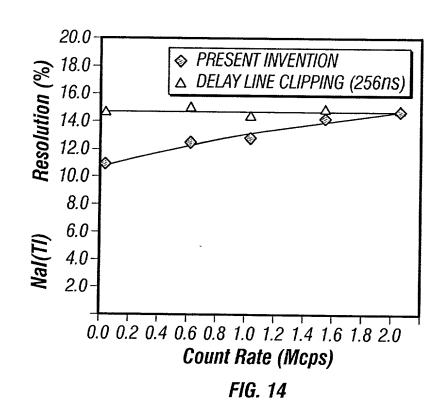
FIG. 9

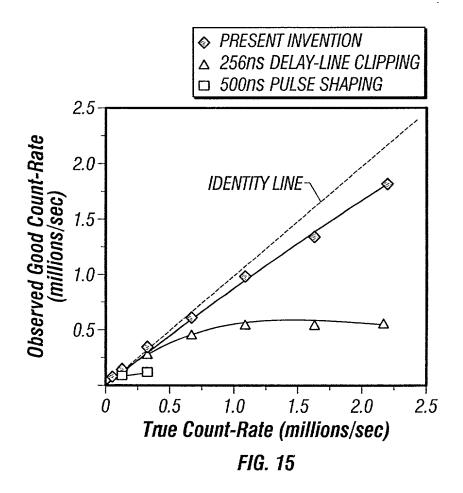


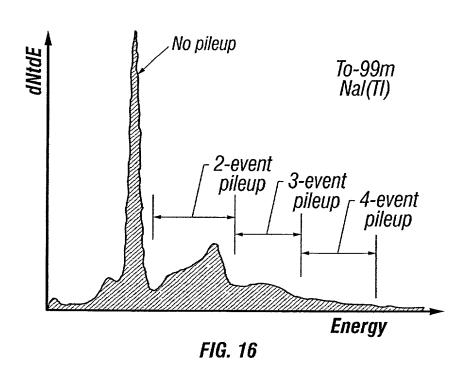


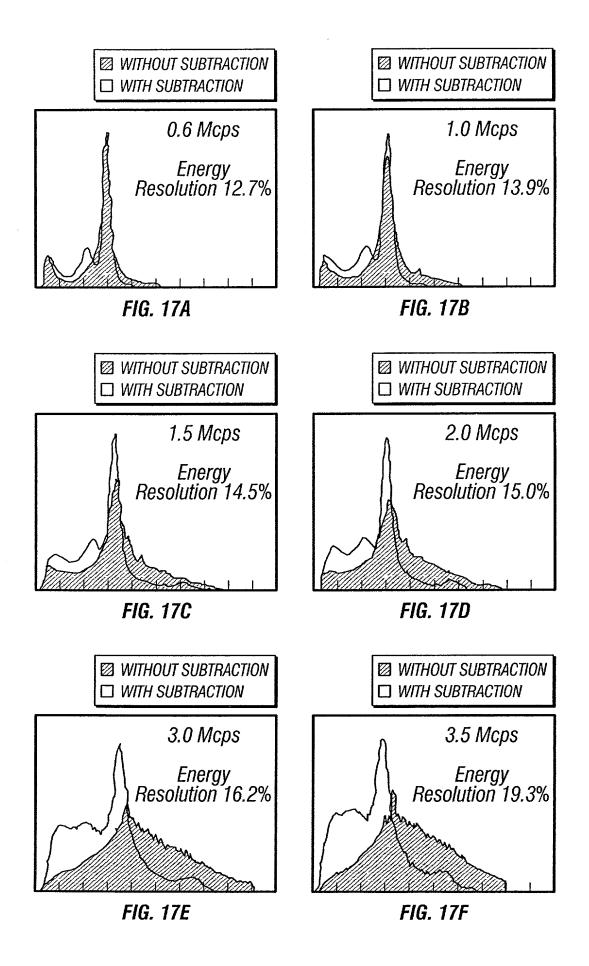












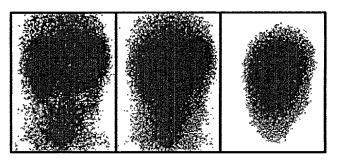


FIG. 18A FIG. 18B FIG. 18C

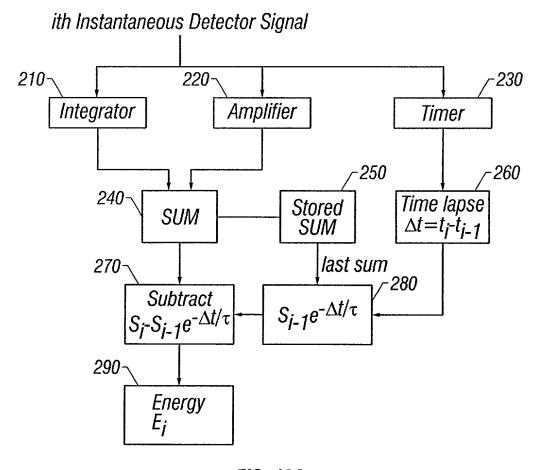
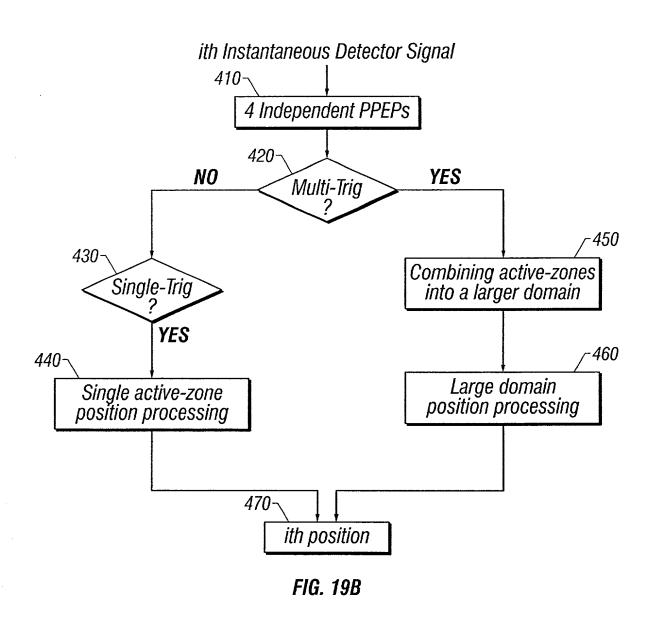


FIG. 19A



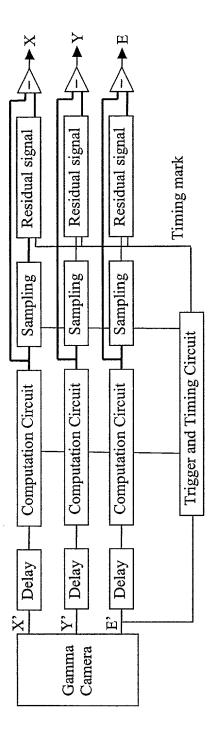


FIG. 20

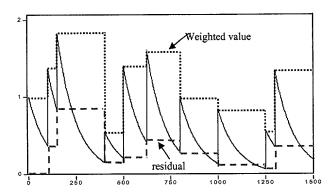


FIG. 21

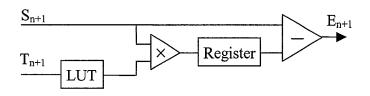


FIG. 22

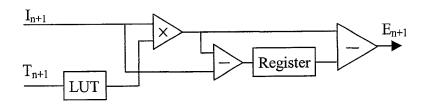


FIG. 23

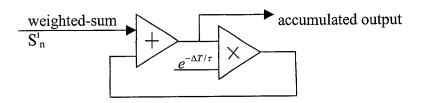


FIG. 24

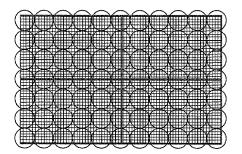


FIG. 25

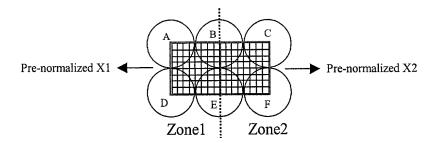


FIG 26

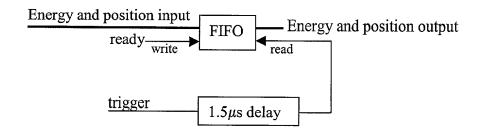


FIG 27

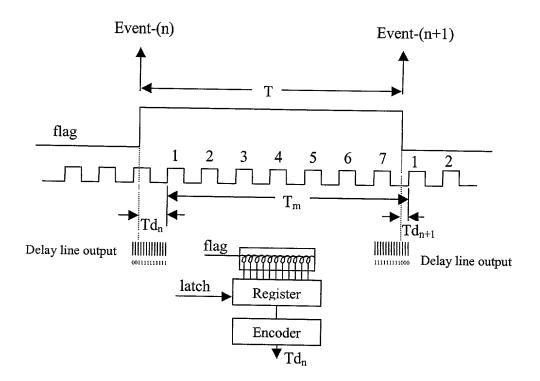


FIG 28